

## CLAIMS

1. A hair dye composition comprising the following ingredients (A) to (D):

- |   |   |                    |
|---|---|--------------------|
|   | (A) ammonia or an ammonium salt   | 0.01 to 3 mol/kg,  |
| 5 | (B) a carbonate with a proviso<br>that said carbonate is other<br>than an ammonium salt | 0.001 to 1 mol/kg, |
|   | (C) a transition metal salt   | 0.1 to 10,000 ppm, |
|   | (D) a chelating agent   |                    |

10 the molar ratio of (A) to (B) [(A)/(B)] being 0.1 to 5, and said hair dye composition having a pH of from 8.5 to 12.

2. A hair dye composition according to claim 1, wherein the content of said ingredient (D) is 0.01 to 10 wt.% based on said composition.